

## TECHNICAL DATASHEET

CISCO · NETWORKING

# Cisco Catalyst 9200L 24-port Gigabit PoE+ switch, 4x 10G SFP+ uplinks, Network Advantage

Catalyst 9200L fixed-uplink campus access switch - 24x 10/100/1000 PoE+ ports, 4x 10G SFP+ uplinks, 370W PoE budget

SKU C9200L-24P-4X-A

1U

Cisco



## DOWNLINK PORTS

24x 10/100/1000 PoE+ ports

## SWITCHING CAPACITY

128 Gbps

## DIMENSIONS

4.4 x 44.5 x 28.8 cm (1.73 x 17.5 x 11...

## PRICE

On request



REQUEST A QUOTATION ONLINE

[serverinvest.com/product/cisco-c9200l-24p-4x-a](https://serverinvest.com/product/cisco-c9200l-24p-4x-a)



## 01 Product overview

The Cisco C9200L-24P-4X-A is a Catalyst 9200L fixed-uplink campus access switch that provides 24x 10/100/1000 PoE+ ports and 4x 1/10G SFP+ fixed uplinks, with a 370 W PoE+ (802.3at) power budget for phones, wireless access points and cameras. It delivers 128 Gbps of switching capacity and a forwarding rate of 95.23 Mpps, ensuring wire-speed performance for everyday business traffic.

The Catalyst 9200L variants keep the Cisco IOS XE software foundation of the Catalyst 9000 family while using fixed uplinks and a shallower chassis, making them a cost-optimised choice for wiring closets and branch offices. They support Layer 3 routing, StackWise-80 stacking, field-replaceable power supplies, Cisco DNA Center/Catalyst Center automation and the Cisco Trustworthy Solutions security stack, including secure boot and signed images.

This part number ships with the Network Advantage software license; Network Advantage adds advanced routing, segmentation and high-availability capabilities on top of Network Essentials. A Cisco DNA / Catalyst subscription is ordered together with the switch. It is well suited to enterprise wiring closets, branch offices and campus access layers where powered endpoints such as IP phones, Wi-Fi access points and security cameras need to be supported. ServerInvest supplies Cisco switching across Europe - contact us for pricing, availability and project quotes.

### HIGHLIGHTS

- 24x 10/100/1000 PoE+ ports with 370 W PoE+ (802.3at) budget
- 4x 1/10G SFP+ fixed uplinks
- 128 Gbps switching capacity, 95.23 Mpps forwarding rate
- Cisco IOS XE with Catalyst Center (DNA Center) automation and assurance
- StackWise-80 stacking of up to 8 switches
- Enhanced Limited Lifetime Warranty (E-LLW)



## 02 Full specifications

### GENERAL

|                          |                        |
|--------------------------|------------------------|
| Manufacturer part number | C9200L-24P-4X-A        |
| Series                   | Catalyst 9200L         |
| Switch type              | Layer 3 (Cisco IOS XE) |

### KEY SPECIFICATIONS

|                          |                                     |
|--------------------------|-------------------------------------|
| Manufacturer part number | C9200L-24P-4X-A                     |
| Series                   | Catalyst 9200L                      |
| Switch type              | Layer 3 (Cisco IOS XE)              |
| Downlink ports           | 24x 10/100/1000 PoE+ ports          |
| Uplinks                  | 4x 1/10G SFP+ fixed uplinks         |
| PoE standard             | PoE+ (802.3at)                      |
| PoE budget               | 370 W (single default power supply) |
| Switching capacity       | 128 Gbps                            |
| Forwarding rate          | 95.23 Mpps                          |
| MAC address table        | 16,000                              |
| VLANs                    | 4,094                               |
| Jumbo frames             | 9,198 bytes                         |

|              |                                                                          |
|--------------|--------------------------------------------------------------------------|
| License tier | Network Advantage (Cisco DNA / Catalyst subscription ordered separately) |
|--------------|--------------------------------------------------------------------------|

## PORTS

|                |                             |
|----------------|-----------------------------|
| Downlink ports | 24x 10/100/1000 PoE+ ports  |
| Uplinks        | 4x 1/10G SFP+ fixed uplinks |

## POWER OVER ETHERNET

|              |                                     |
|--------------|-------------------------------------|
| PoE standard | PoE+ (802.3at)                      |
| PoE budget   | 370 W (single default power supply) |

## PERFORMANCE

|                    |                                                         |
|--------------------|---------------------------------------------------------|
| Switching capacity | 128 Gbps                                                |
| Forwarding rate    | 95.23 Mpps                                              |
| MAC address table  | 16,000                                                  |
| VLANs              | 4,094                                                   |
| Jumbo frames       | 9,198 bytes                                             |
| Routing scale      | 11,000 IPv4 (ARP + learned); 3,000 IPv4 routing entries |

## HARDWARE

|          |                                          |
|----------|------------------------------------------|
| DRAM     | 2 GB                                     |
| Flash    | 4 GB                                     |
| Stacking | StackWise-80 (80 Gbps), up to 8 switches |

## POWER

|                                             |                                                                                           |
|---------------------------------------------|-------------------------------------------------------------------------------------------|
| Power supply                                | PWR-C5-600WAC (600W AC), field-replaceable, dual redundant slots (740W PoE with two PSUs) |
| Power consumption (typical/system)          | 50.76 W                                                                                   |
| Power consumption (maximum, incl. PoE load) | 445.35 W                                                                                  |

## PHYSICAL

|             |                                              |
|-------------|----------------------------------------------|
| Form factor | 1U rack-mountable                            |
| Dimensions  | 4.4 x 44.5 x 28.8 cm (1.73 x 17.5 x 11.3 in) |
| Weight      | 4.71 kg (10.38 lb)                           |
| Cooling     | Fixed redundant fans                         |

## ENVIRONMENTAL

|                       |               |
|-----------------------|---------------|
| Operating temperature | -5°C to +45°C |
| MTBF                  | 390,310 hours |

## WARRANTY

|          |                                            |
|----------|--------------------------------------------|
| Warranty | Enhanced Limited Lifetime Warranty (E-LLW) |
|----------|--------------------------------------------|

### 03 Engineered, delivered & supported by ServerInvest

#### Engineering & sizing

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#### Installation

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